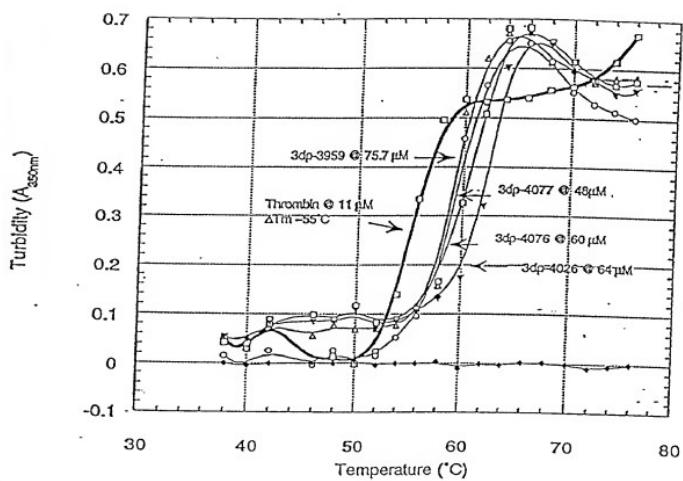


FIGURE 1



09821676 • 6380901

FIGURE 2

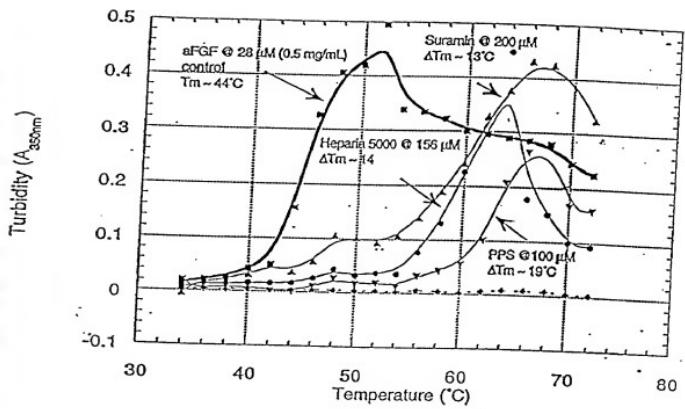
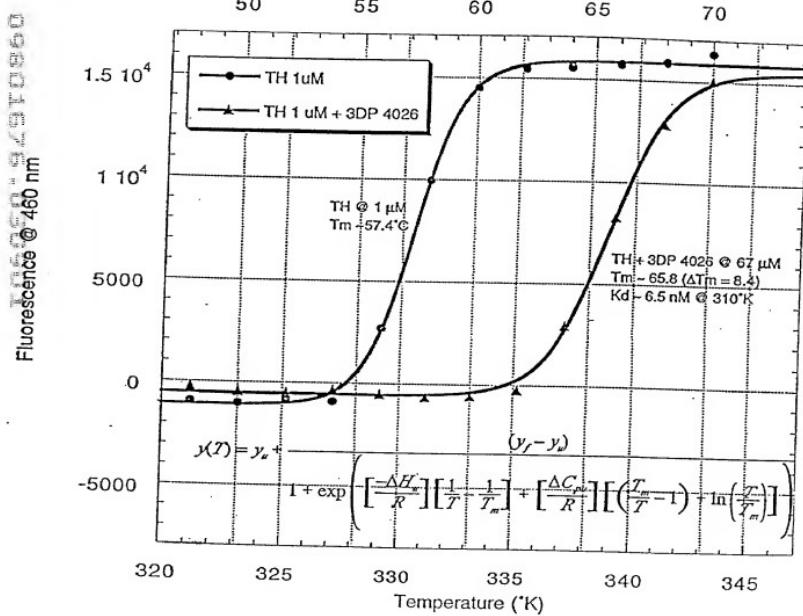


FIGURE 3



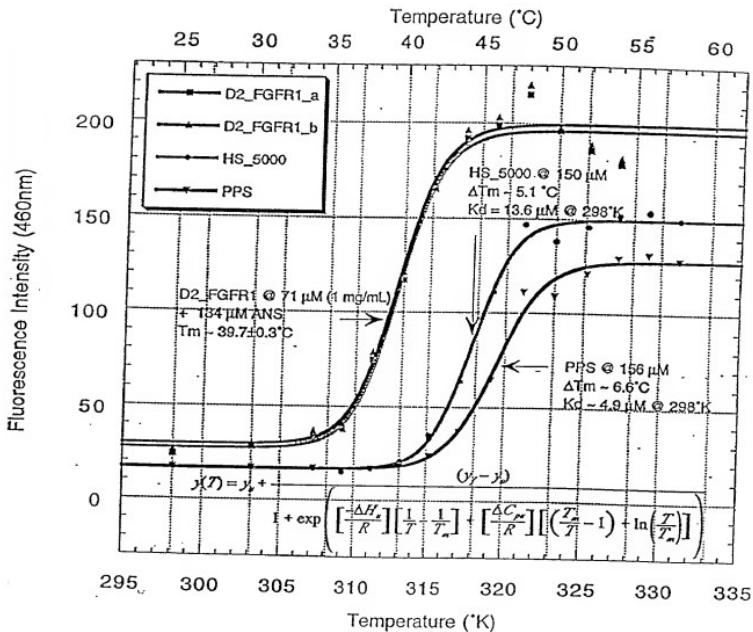


FIGURE 5

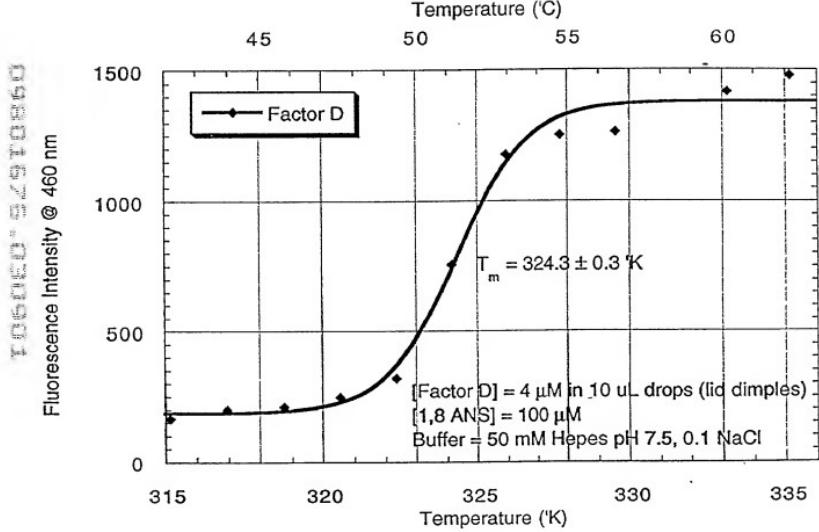


FIGURE 6

Fluorescence Intensity @ 460nm

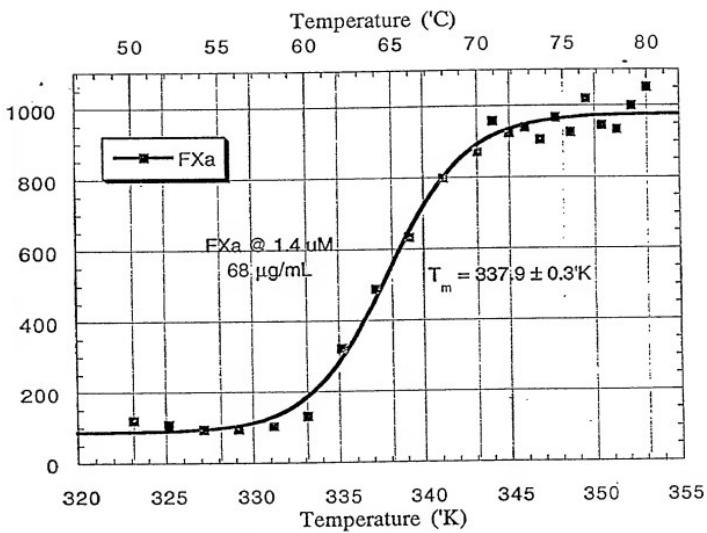


FIGURE 7

Fluorescence Intensity @ 460 nm

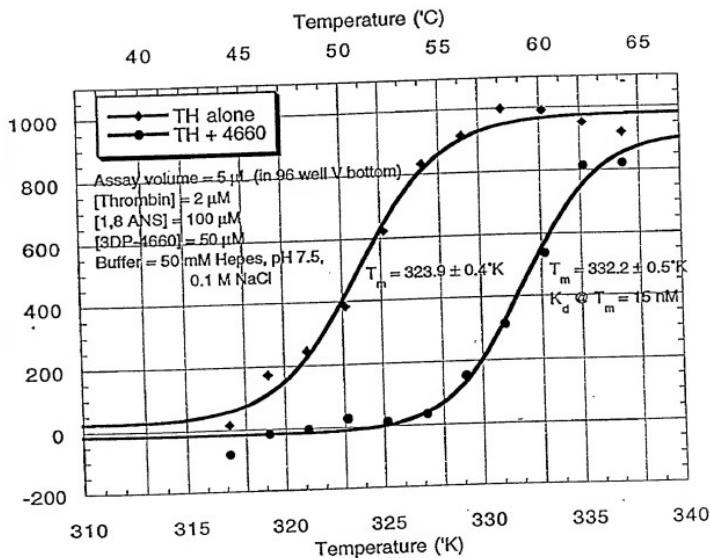


FIGURE 8

F165200-92970960
Fluorescence Intensity @ 460 nm

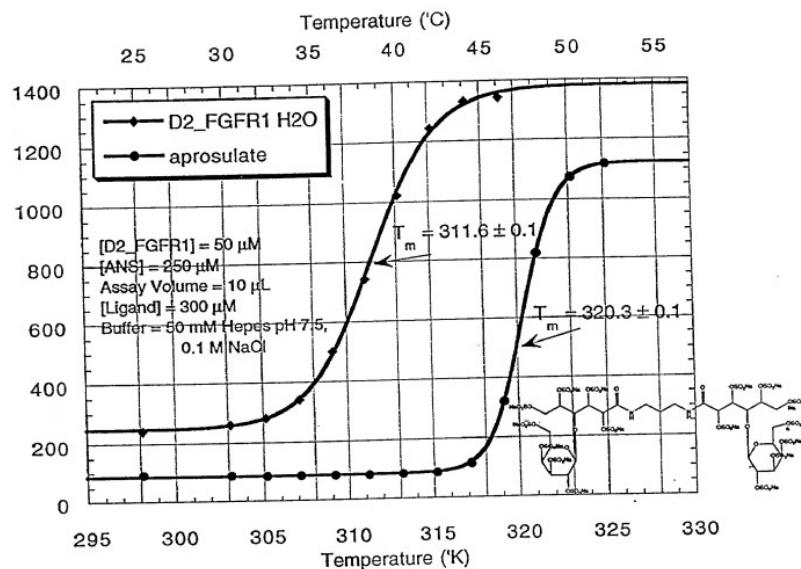


FIGURE 9

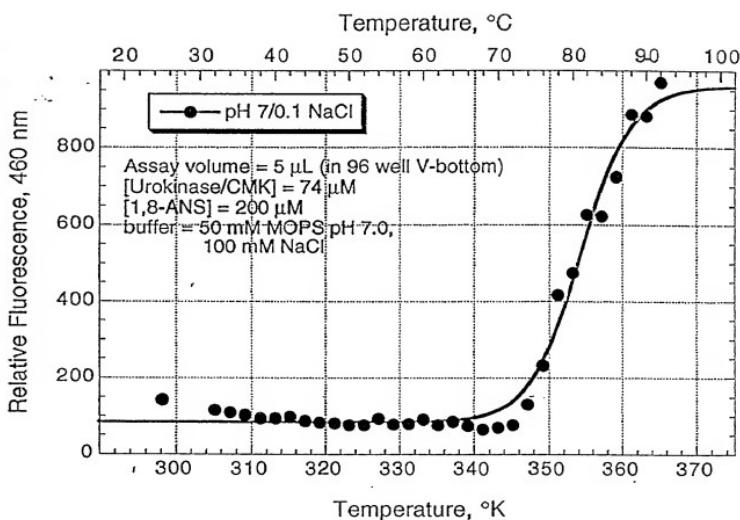


FIGURE 10

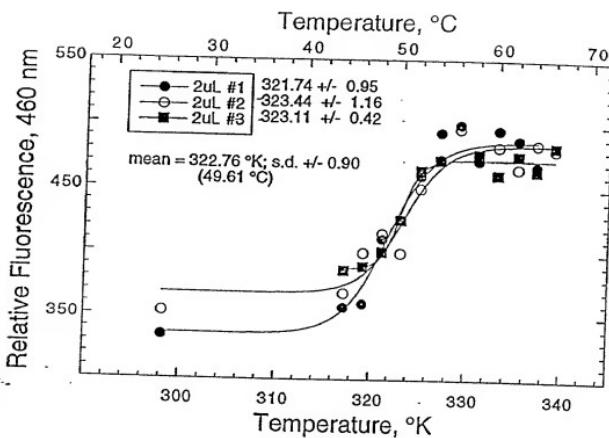


FIGURE 11

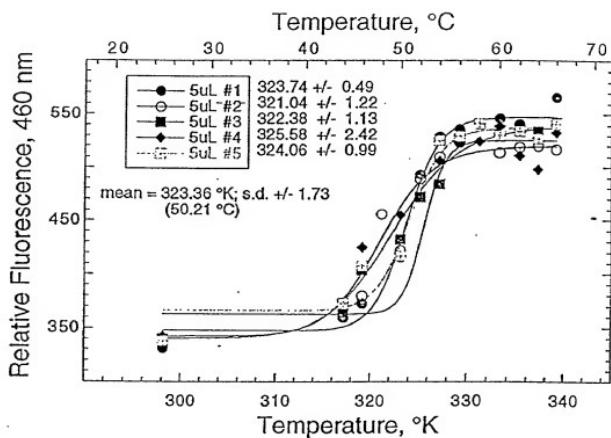


FIGURE 12

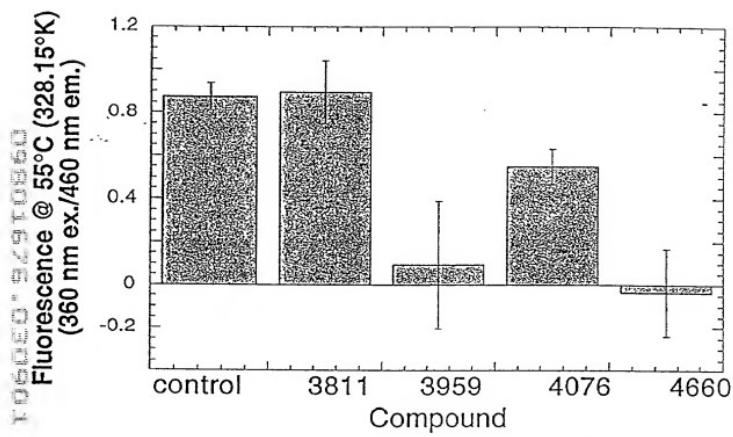
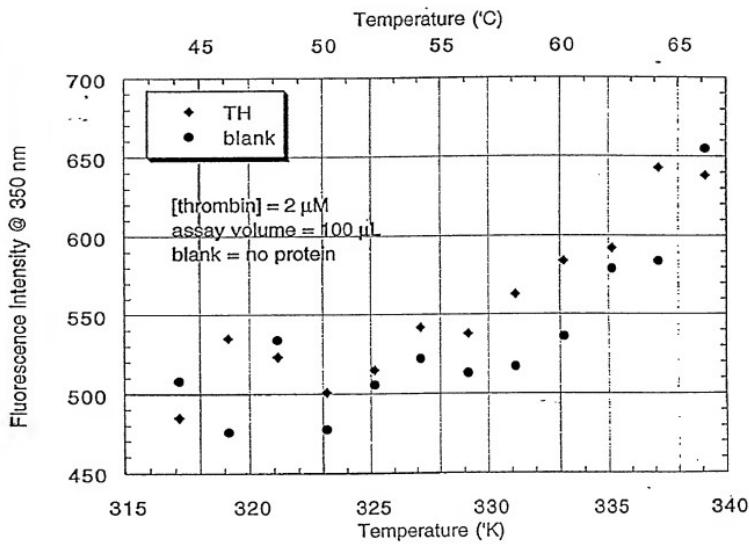
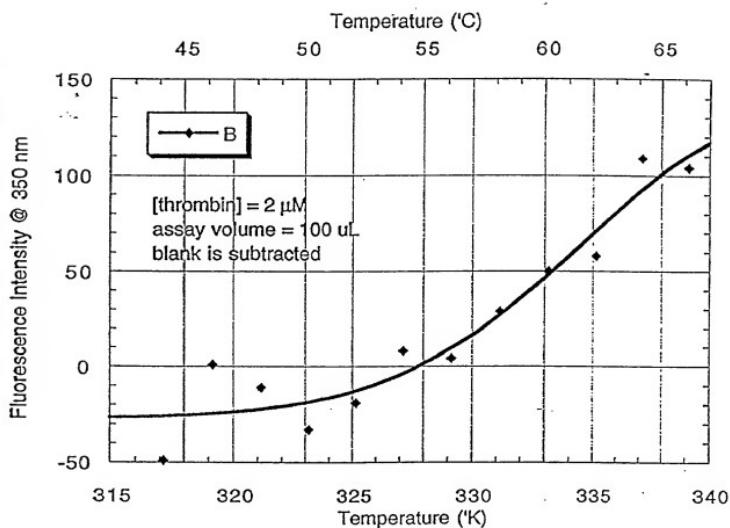


FIGURE 13



70600: 9/27/860

FIGURE 14



106050 9/29/08 6:0

FIGURE 15

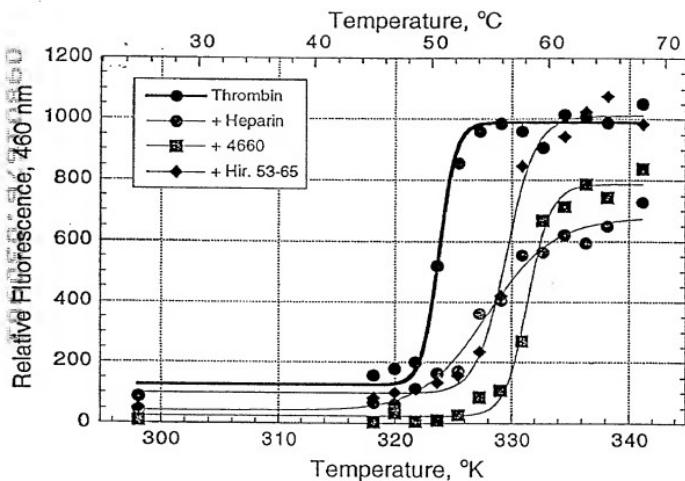


FIGURE 16

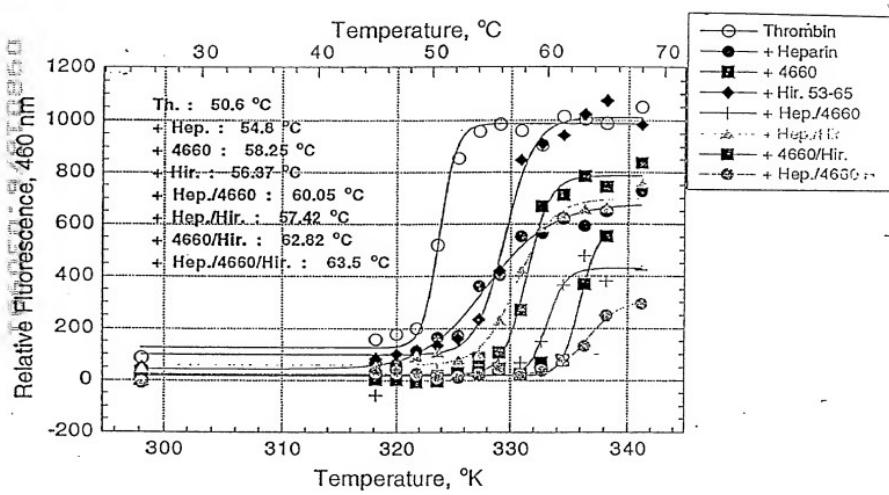


FIG. 17A

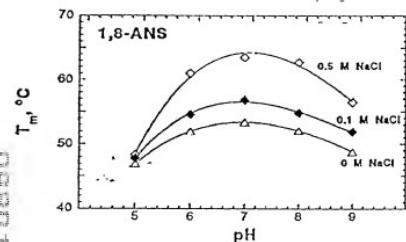


FIG. 17B

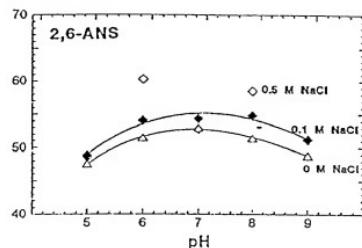


FIG. 17C

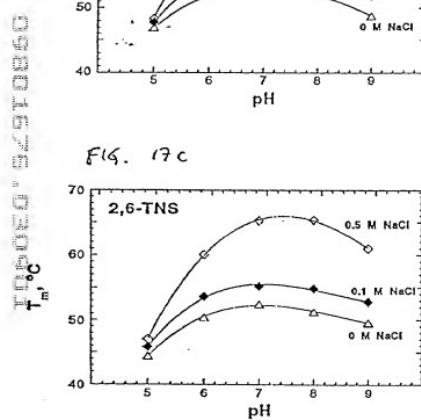


FIG. 17D

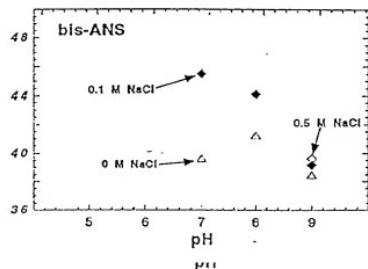


FIGURE 18

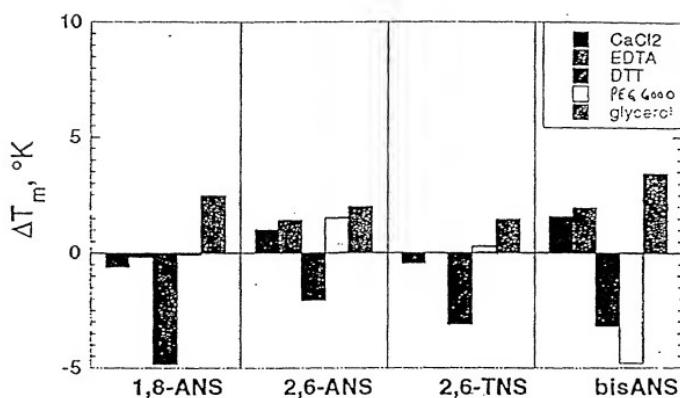


FIGURE 19

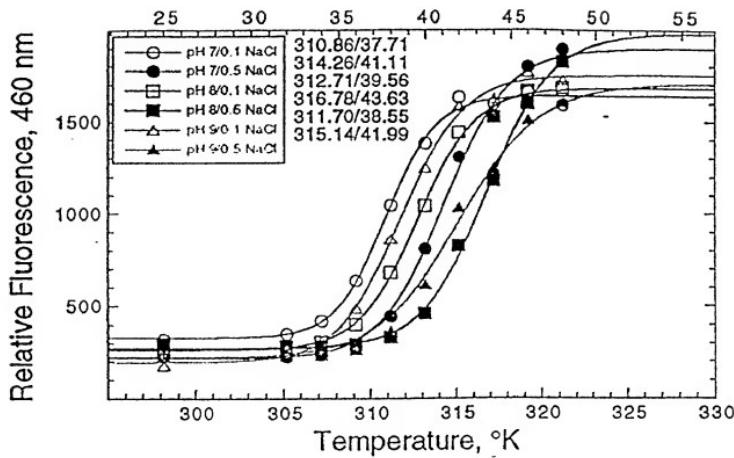


FIGURE 20

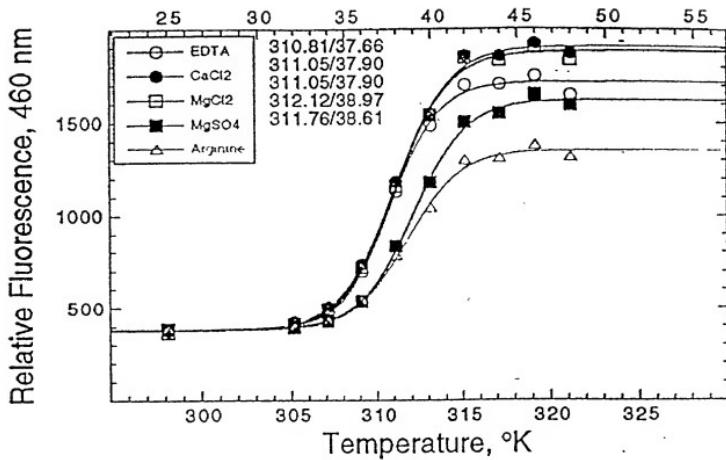


FIGURE 21

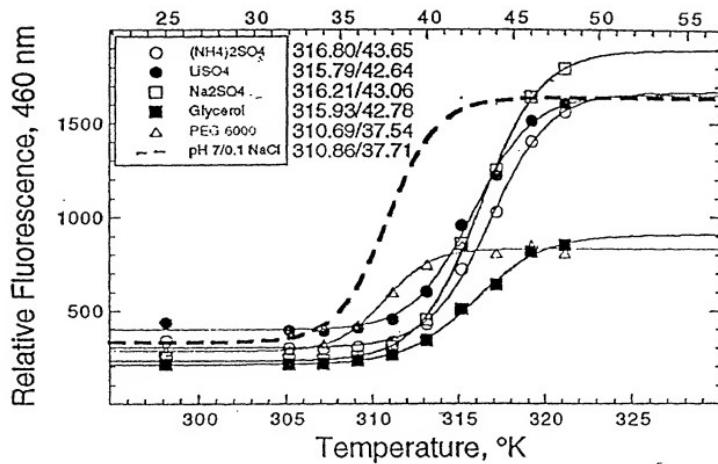


FIGURE 22

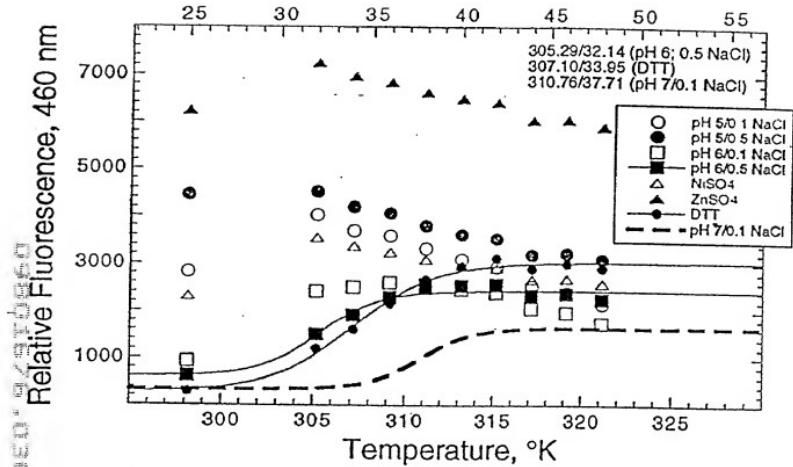
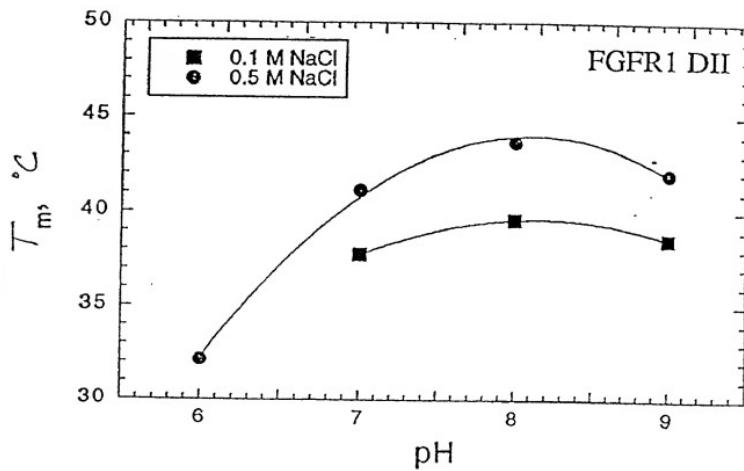


FIGURE 23



00001676.030901

FIGURE 24

FGFR1 DII

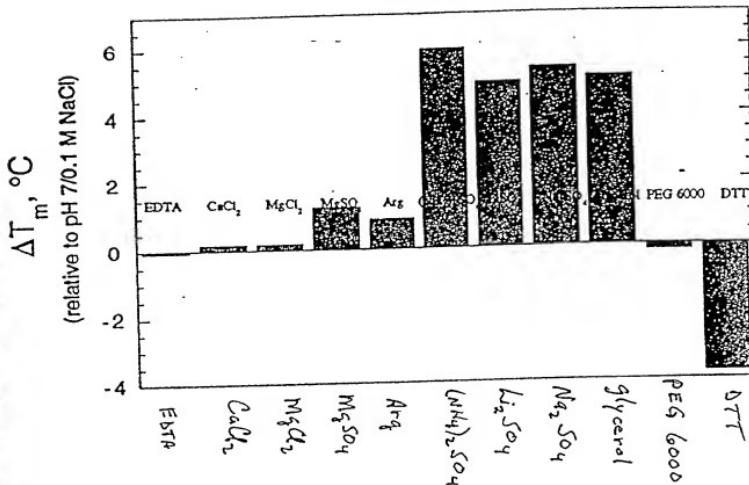


FIGURE 25

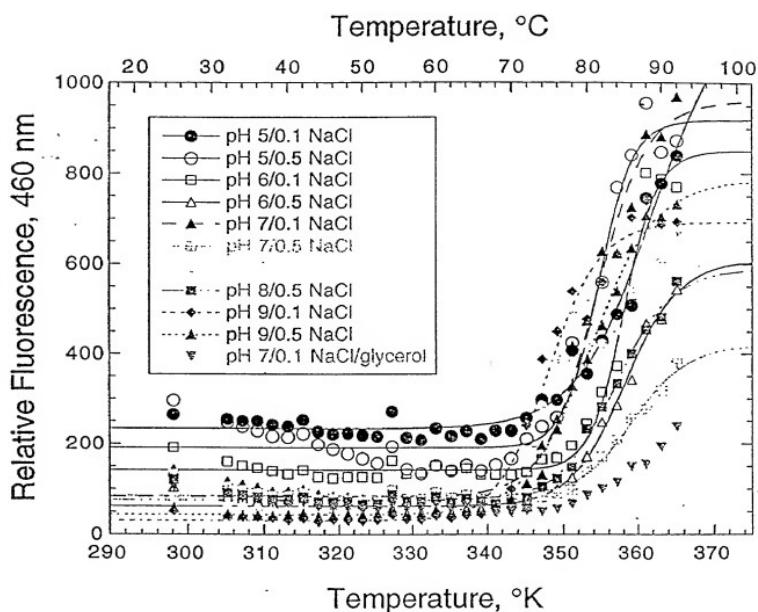
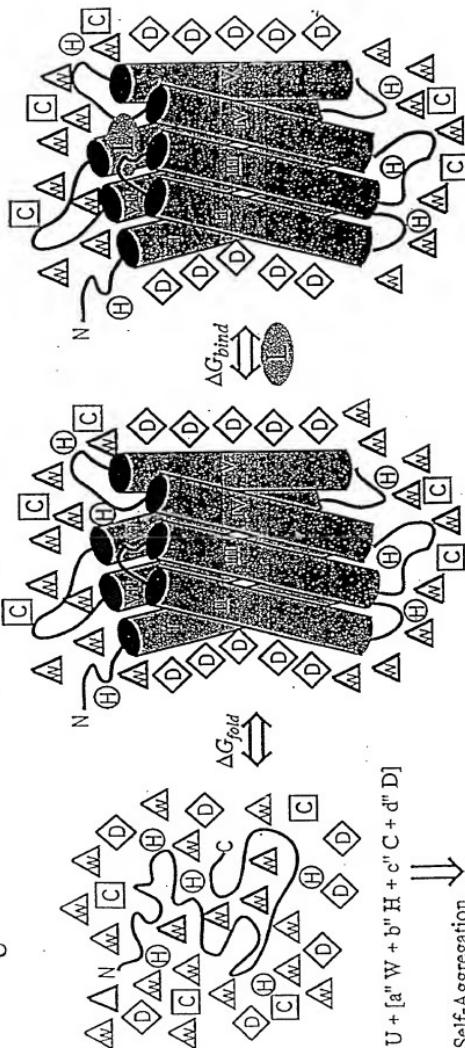


FIGURE 26

Native State N^L
Unfolded State U



$$U + [a'' W + b'' H + c'' C + d'' D]$$

↓
Self-Aggregation

$$N + L + [a W + b H + c C + d D] \quad N^L + [a' W + b' H + c' C + d' D]$$

$$\Delta G_{fold} = \Delta G_{conf} + \sum_i \Delta g_{i,int} + \sum_i \Delta g_{i,s} + \Delta W_{el} + (\Delta G_{bind})$$



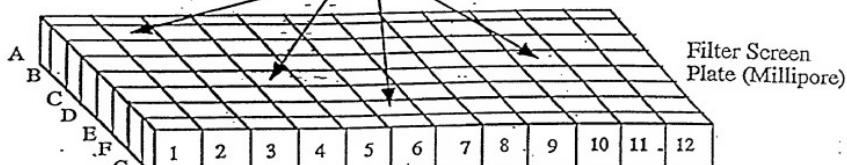
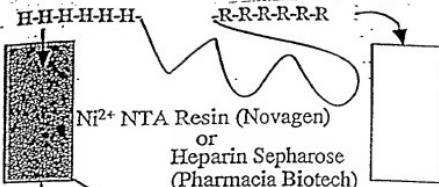
Legend			
\triangle	= Water Molecules	\textcircled{H}	= Ionizable Protons
C	= Counterions or Hofmeister Salts	D	= Detergent or Lipid Molecules

FIGURE 27

Tagged Denatured Protein

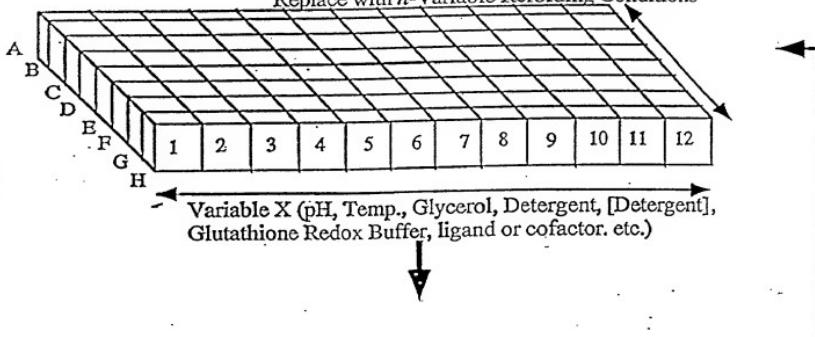
Denaturant: 6 M Gdn-HCl
8 M Urea
0.2% SDS

Reducing Agents: DTT, or β ME



Microplate Protein Folding

Replace with n -Variable Refolding Conditions



Thermal shift Assay

FIG. 28

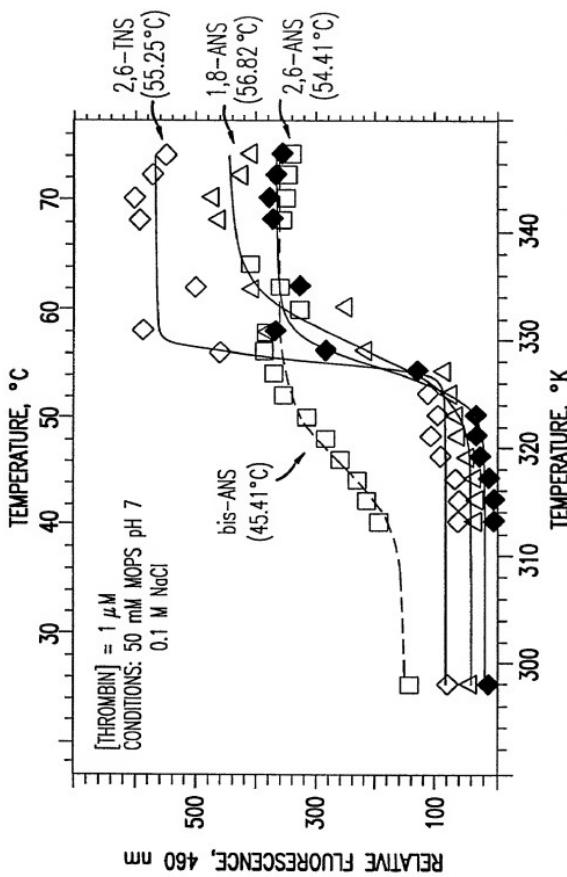


FIG. 29

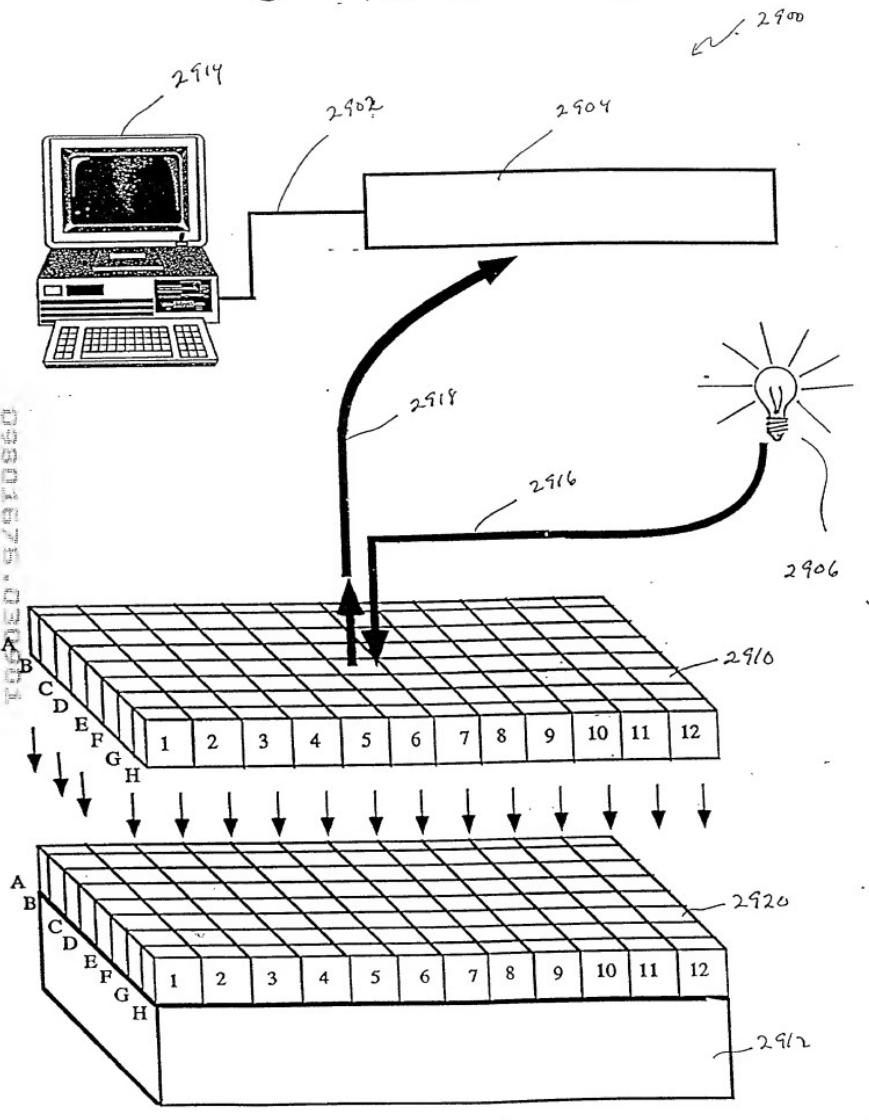


FIG. 30

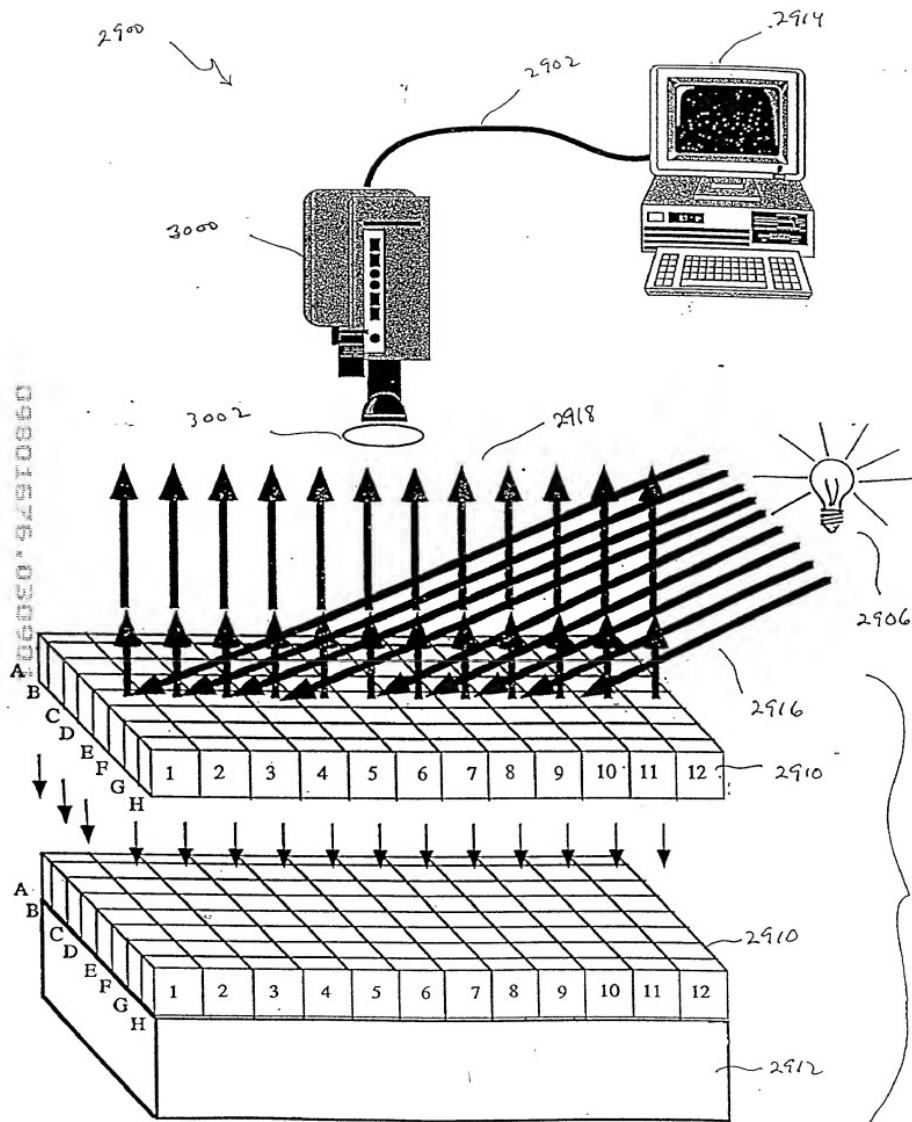
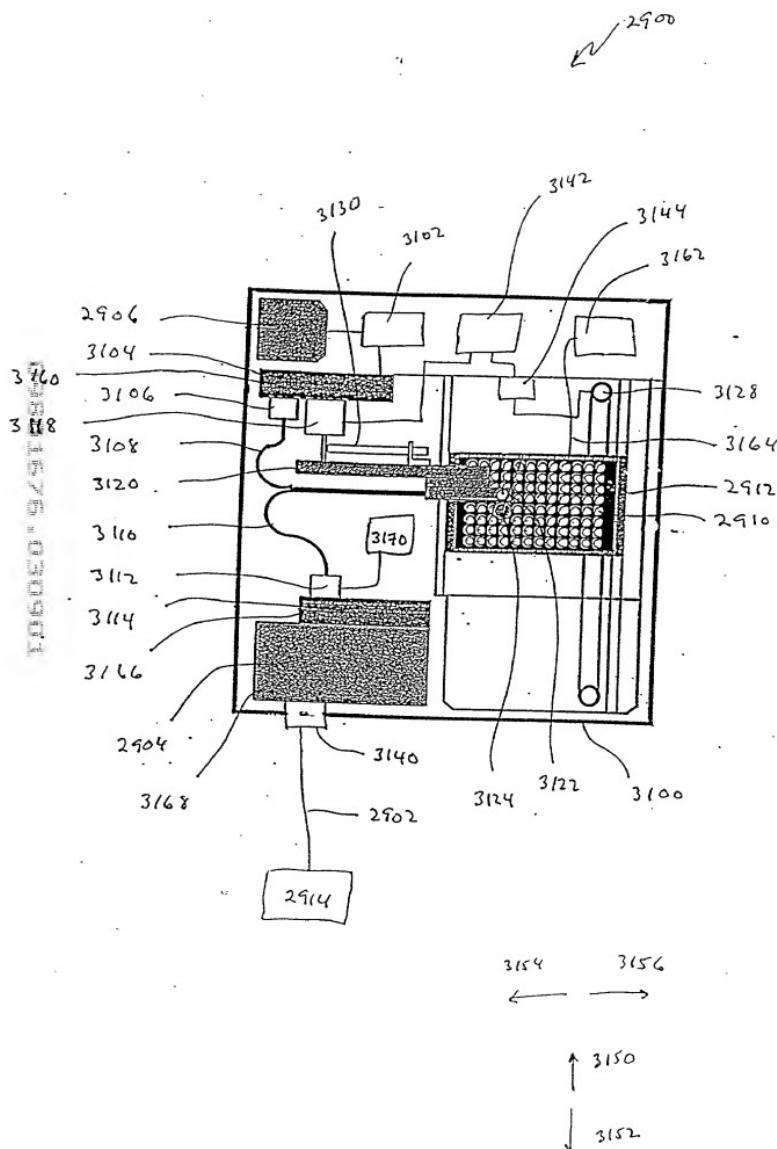


FIG. 31



09901676 - 030303

FIG. 32A



FIG. 32B

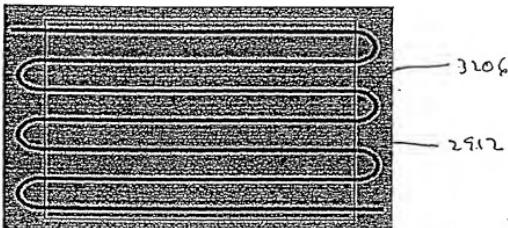


FIG. 32C



FIG. 32D

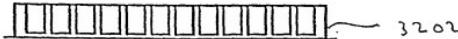


FIG. 32E



FIG. 33

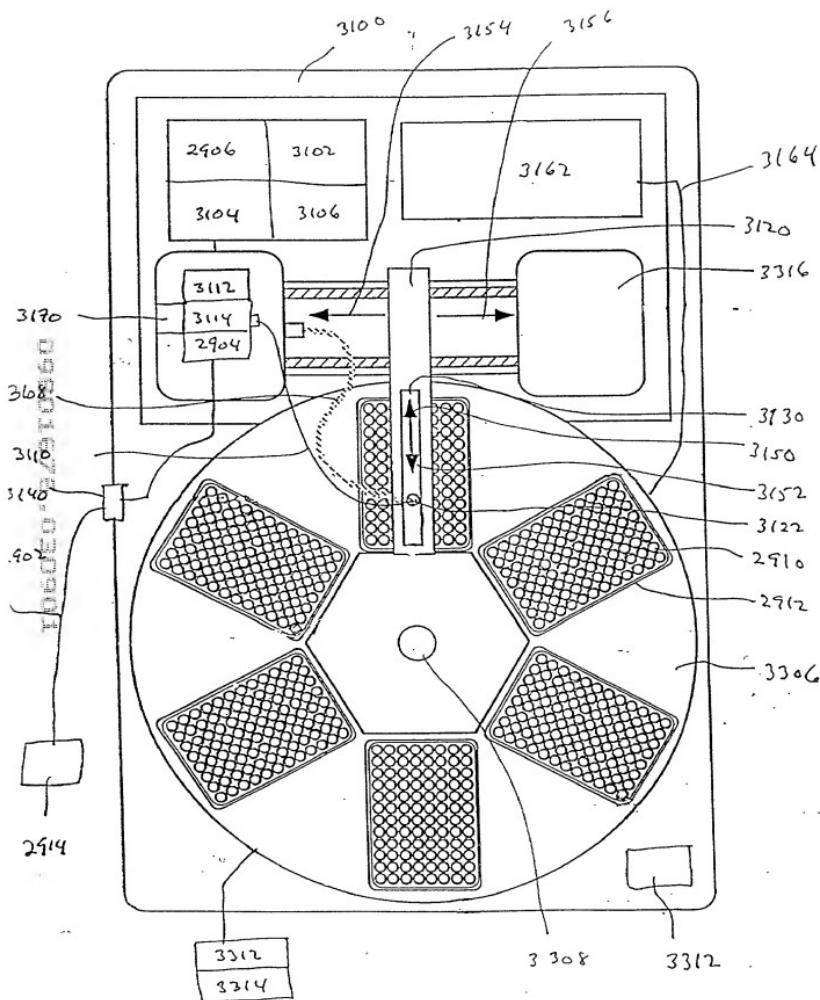
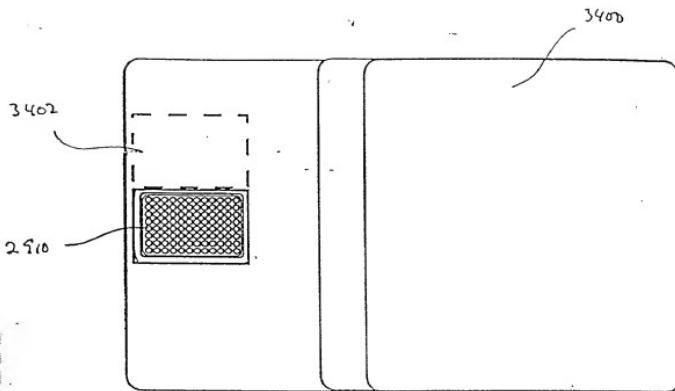


FIG. 34



TOP SECRET//COMINT

FIG. 35

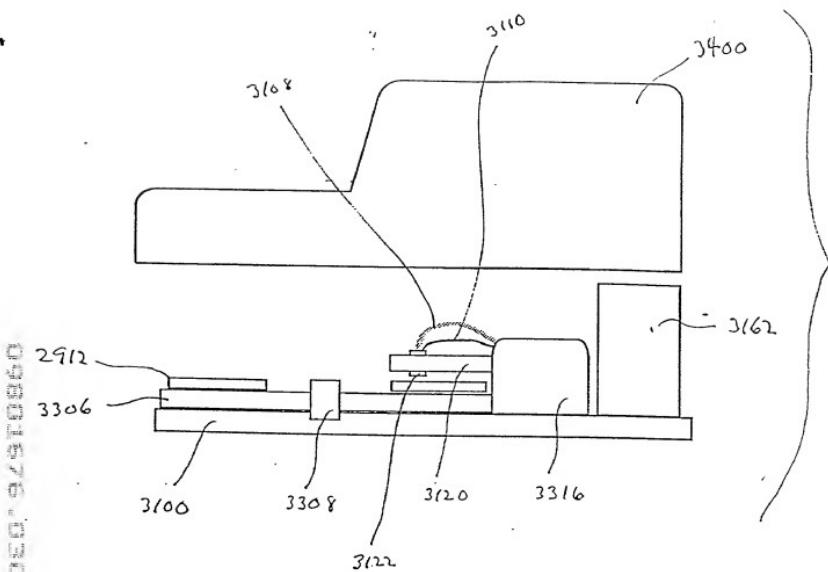
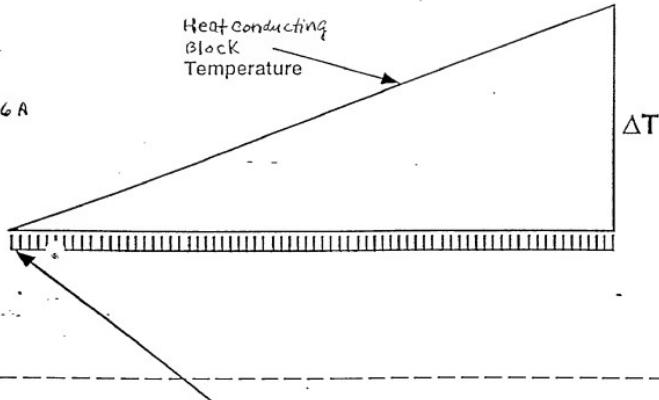
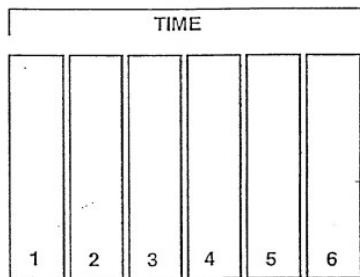


FIG. 36 A



TRAILER = 9/970350

66 Seconds = 6 Reads + 6 Moves



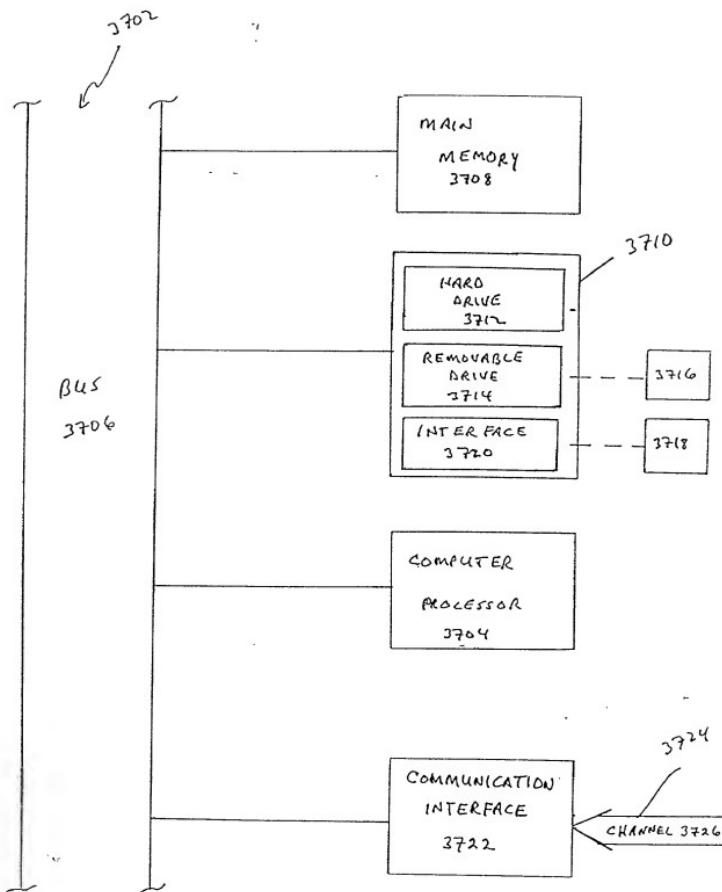
Read
Plate 1
(10 sec)

Move
Platform
to Next
Plate
(1 sec)

Read
Plate 2
(10 sec)

FIG. 36 B

FIG. 37



04801576 • 1133994

FIG. 38

106030-02910860

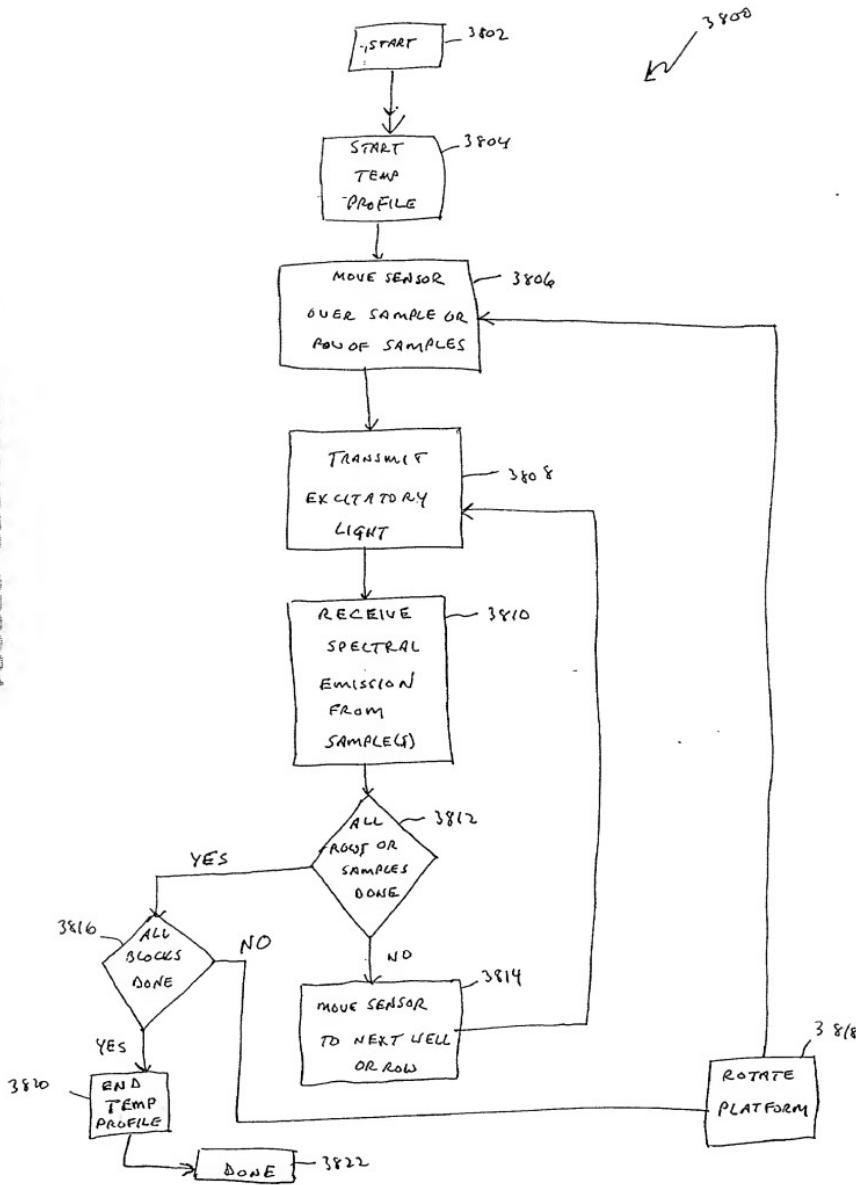


FIG. 39

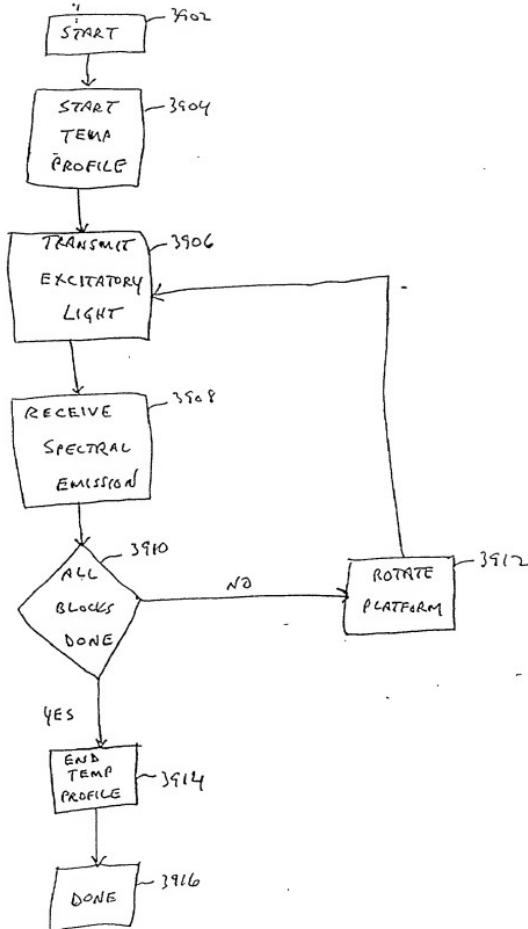


FIGURE 40

TOEWS 920360
Normalized Fluorescence Intensity @ 460nm

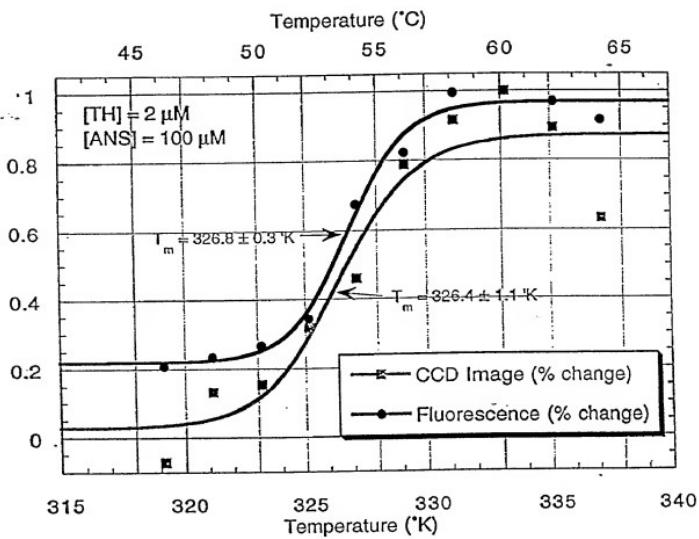
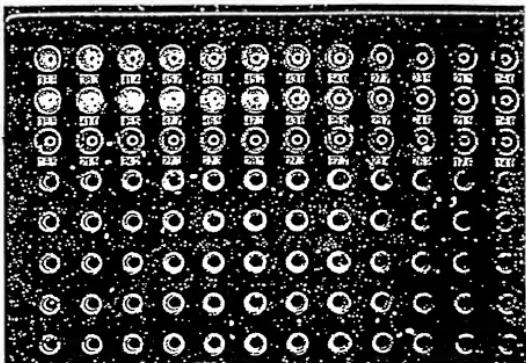


FIG. 41A

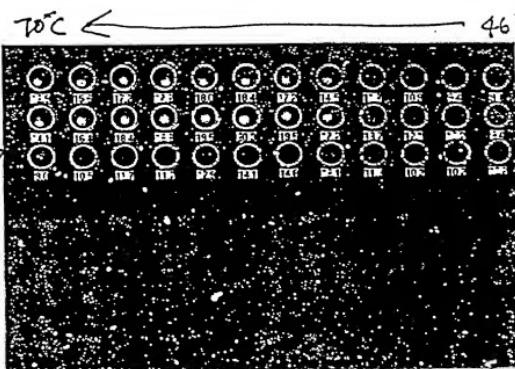
control →
10%/_{oo}
protein



4f

FIG. 41B

control →



4f

FIGURE 42

